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	Minimum Error of C	losure	
		Int Flint Run Road & U.S. Route	50.838
Fracture	I, the undersigned, h	ereby certify that this map is correct to the bashows all the information required by paragr	est of my know-
New Location	and regulations of (the oil and gas section of the mining laws of	of West Virginia
Drill Deeper	\$.# \$\T.	Signed: N S E	W
Abandonment	Map No.	Squares: N S U E	WV
Company Ramco Oil & G.	w Corps	STATE OF WEST VIRG	• 5 68
Address P.O. Box 99. Solam.	dd dd	OIL AND GAS DIVISIO	
Farm H. B. Dauis	ssongerfässär rändersoner-konfessansissä Stadigarkespilakssääsinä Stadia välikkin konneninkin erkennaksin länge	CHARLESTON	
Tract Acres ///. 68 Le		WELL LOCATION	MAP
Well (Farm) No. One See	ial No.		
Elsyation (Spirit Level) 922		FILE NO. Zoodd - 17	30
Quadrangle <u>Can terpoint</u> County <u>Daddridge</u> Distric	,	+ Denotes location of well on Ur	nited States
Engineer Madda District	Vancandittilla kantilla kalka kanan oo aanoo oo	Topographic Maps, scale 1 to 62,5	00, latitude
Engineer's Registration No. 122	7	and longitude lines being repre- border lines as shown.	esented by
File No	No.	- Denotes one inch spaces on bor	rder line of
Date April 28, 1973 Scale	"=400 = 660"	original tracing. 47-01	7

6-6 Smithton- Flint- Schalia (99) MAY?







DELT. OF MINES

Quadrangle Centerpoint

Permit No. DOD-1730

Oil and Gas Division
WELL RECORD

Rotary	Oil
Cable X	Cos X
Caule	ANTERONOPERANDOSISTA PROPERTO POR POR PROPERTO POR PROPERTO POR POR POR POR POR POR POR POR POR PO
Recycling	Comb.
Water Flood	Storage
Disposal	(Kind)
	(Kina)

Company RAMCO Oil & Address P.O.Box 99, Belg Farm. H. B. Dovis						(Kind)
Address P.O.Box 99, Belg	Gas Corp.				Left	C CIII
Farm H. B. Davis			Casing and	Used in	in Well	Cement fill up Cu. ft. (Sks.)
			Tubing	Drilling	In well	Cu. II. (Sks.)
Location (waters) Big Fl			Size	Terr		Taran a wasan
Well No.		v 927'	20-16			90 44
District Grant			Cond.			
The surface of tract is owned			32-10"3/4"	5921	5921	185 sks.
APPL 10			9 5/8	ti i taki	1077'	
Address <u>Big Flint, W.Va</u>			8 5/8	La La Bra		named .
Mineral rights are owned by L			7			
Address Salen	n. W. Va.	Вис 2000 година (Серобра (Серобра Серобра Серобра Серобра Серобра Серобра Серобра Серобра Серобра Серобра Серо	5 1/2			
Drilling Commenced 5/18/7	3		4 1/2	Januar et	20291	65 sks.
Drilling Completed 6/22/7	3	of the contract of the contrac	3		2000	
Initial open flow show	Cu ft	hhle	2	- 1		
Final production 750MCF cu	a mar day	bbla	Liners Used	la grafi		
Well open 24 hr	n hafara tant	520 [#] RP.				
Well treatment details:	a. Derute test	TA.	Assach	amantina	and I mason	nCementingCo.,
Fractured: DOWELL = 7	20 55 5	20 000#				incementing co.,
B & de de partie par la company de la compan	and an analysis of the definition	.,, .,, .,,		- 8		
Coal was encountered at		5241 Fee		120" Inche	26	
Fresh water		21	Salt V			Feet
Producing Sand Big Injun	>	No. (St. 1900) of Manual St. parent St. pare	Dentl	1905' to	1936'	A VV L
			h to a	2 - 24		
				i krughan		g No Free
Formation Color Ha	ard or Soft	Top Feet	Bottom Feet	Oil, Gas o	r Water	* Remarks
Top Soil	Soft	0	2	an (www.gerpsparine.adwa.ortpate.eggs-100-21-21-21-21-22-20-21-21-21	ligica (i menina di kacamata (iya 15 hilaya) ye renne	ricio (I). Cardem y provincia (Control Control
Gravel	Soft	2	12			
Blue Shale	Soft	12	40			
Slate	Soft	40	55			
Coal Blossom	Soft	ł .				
		55	60			
		55 60	60 85			
Slate & Shells	Soft	60	85	-		
Slate & Shells Red Rock	Soft Soft	60 85	85 120			
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(over)

522

524

492

522

Hard

Soft

Sand

B. Slate

^{*} Indicates Electric Log tops in the remarks section.

Formation Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water * Remarks
Coal Black Shells Sand Slate & Shells Sand Slate Lime Red Rock Lime Slate & Shells Red Rock & Lime Slate & Lime Shell Red Rock Slate & Lime Shell Sand Slate & Lime Sand B. Slate Slate & Lime Gritty Lime B. Slate Slate & Shells Sand B. Slate & Lime Shells Sand B. Slate & Lime Shells Sand B. Slate & Lime She Slate & Shells Sand B. Slate & Critty She Sand B. Slate & Critty She Sand Slate & Critty She Sand Slate & Lime Shells Lime Slate & Shells Lime Slate & Shells Lime Sand	Is Soft Hard Soft Hard Soft Soft Hard Soft Soft Hard Ils Soft Hard	524 534 560 579 606 625 632 640 645 665 718 797 850 894 917 930 990 1012 1060 1068 1120 1130 1185 1260 1345 1420 1460 1484 1540 1705 1730 1750 1778 1790 - 1810 1868	534 560 579 606 625 632 645 645 718 797 850 894 917 930 1012 1068 1120 1130 1185 1260 1345 1420 1484 1540 1775 1778 1790 1810 1868 1980	Big Lime 1813 gas show-1917-1933 Big Injun 192
Slate & Shells	Soft and an analysis of the second se			Oil show-1933-1954 An All room An All room An All room

	Date	January 2	2,			, 19_74
PPROVEI		RAMCO OI	1 2	GAS	CORP	
PFRUVEI			7	00) 	Owner
	By.	MAS	<u>u</u>			, Preside

, President





OIL & GAS DIVISION DEPT. OF MINES

Oil and Gas Division OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va. Surface Owner 1.2 12/18 10/78 Company RAMCC ON a Ges Corp. Address District Group Coal Operator. Address District Group Coal Operator District Gr	TO THE DEPARTMENT OF MINES,		
Address Addres	Charleston, W. Va.	DATE Aborch 30, 1973	
Mineral Owner. Address Coal Owner. Address Mineral County Pocketics Coal Owner. Address Mineral County Pocketics Coal Owner. Address Mineral County Pocketics Coal Operator. Coal	Surface Owner H. S. Davis Hours	Company_RAMCO Oil & Gas C	Office in the second
Address Docation (waters) Docation (waters) District Cross County Docation	Address Solem, W. Va.		*
Coal Owner M. Devis Steirs Address Coal Operator Notice—12 and the area. Address mined in the area. Address mined in the area. Address mined in the area. PERMIT MUST BE FOSTED AT THE WELL SITE provisions being in accordance with Chapter 22, be W. Va. Code, the location is hereby approved. This permit shall expire if atlone have/not commenced by January 1. This permit shall expire if atlone have/not commenced by January 1. The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated made in the control of the day of land to county. Book Page NEW WELL DRILL DEFFER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. ** Copies of this notice and the enclosed plat were mailed by registered mall, or delivered to the above named coal operator or coal owners at their above shown respective address of the code, must be received by, or filed with the Department of Mines within ten (10) days. ** (Sign Name) Well Operator Address Of Street City or Town	Mineral Owner 11. 2. Davis Heirs	Farm H. B. Dovis	_Acres
Address	Address Salem, M. Va.	Location (waters) Big Flint AL	cred
Address Mineso in the state and address Mineso in the state and address Mineso in the state and accordance with Chapter 22, the W. Va. Code, the location is hereby approved This permit shall expire if ations have not commenced by Director coll & Gas Division GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated March and address and the content of the state and	L L las A Carrie Mailer	, , ,	Elevation 927
Address mined in the grant of the provided by the provided on the grant of the provided one of the location is hereby approved. This permit shall expire 12 through the provided one of the location is hereby approved. This permit shall expire 12 through the provided one of the location is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated through the provided on the day of made to made to provided on the day of page. New Well Drill Deeper Reduction of the above date of the above date. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. ** Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address of the shown respective address of the shown respective address of the shown and the coal of the code, must be received by, or filed with the Department of Mines within ten (10) days. ** Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address of the partment of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) by Section 3 City or Town	Address Solem, V. Vo.		
PERMIT MUST BE POSTED AT THE WELL SITE provisions being in accordance with Chapter 22, ke N. Va. Code, the location is hereby approved. This permit shall expire 1? atlons have not commenced by	Coal Operator Mone - no cool is being		New
PERMIT MUST BE FOSTED AT THE WELL SITE provisions being in accordance with Chapter 22, he W. Va. Code, the location is hereby approved This permit shall expire if ations have not commenced by Comme	Address mined in the area.		24 4/200
PERMIT MUST BE POSTED AT THE WELL SITE provisions being in accordance with Chapter 22, he W. Va. Code, the location is hereby approved. This permit shall expire if ations have not commenced by provision GENTLEMEN: The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated and recorded on the day of made to country, Book page. NEW WELL DRILL DEPPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator have been notified as of the above date. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Address Street Well Operator City or Town		TASPECTOR TO BE NOTHED	Desse.
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated	ations have not commenced by 9-1-7		
NEW WELL	•	ill upon the above named farm or tract of land for c	il and gas, having fo
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The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are requir to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. * Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address	The undersigned well operator is entitled to dititle thereto, (or as the case may be) under grandle made to RANGE CIL	or lease dated	y <u>James F. Scol</u> _ day of
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) (Sign Name) Well Operator Address Street Of Octoor Town	The undersigned well operator is entitled to dittile thereto, (or as the case may be) under grammade to made to County, Book NEW WELL DRILL DRILL	or lease dated	y <u>James F. Scot</u> _ day of
or coal owners at their above shown respective address	The undersigned well operator is entitled to dittle thereto, (or as the case may be) under grandle to made to County, Book NEW WELL DRILL DI OIL AND GAS WELL ORIGINALL The enclosed plat was prepared by a registere	or lease dated	y dames F. Scol
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Address Street of Well Operator Well Operator City or Town	The undersigned well operator is entitled to dittle thereto, (or as the case may be) under grandle to	or lease dated	day of E OR STIMULATE mers and/or operator make, or are require ten (10) days. * mamed coal operator before, or on th
Address Street of Well Operator Well Operator City or Town	The undersigned well operator is entitled to dittle thereto, (or as the case may be) under grandle to	or lease dated	day of E OR STIMULATE mers and/or operator make, or are require ten (10) days. * mamed coal operator before, or on th ginia.
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*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BOND DRILL

Dodd-1730

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK O	RDER TO DRILL	DEEPEN FR	ACTURE-STIMULATE
DRILLING CONTRAC	TOR: (If Known)	RESPONSIBLE AGENT:	
NAME - Fonk or	70W	NAME	
ADDRESSSale	m, W. Va.		lle, W. Va.
TELEPHONE(30	V4) 782m1356	_ TELEPHONE (304) 3	<u>54-767</u>
ESTIMATED DEPTH	of completed well: 2060	ROTARY X	CABLE TOOLS
PROPOSED GEOLOGI	CAL FORMATION: <u>Big iniun</u>		
TYPE OF WELL:	OIL GASx	COMB STORAGE	DISPOSAL
TENTATIVE CASING		LING WATER FLOO	ODOTHER
CASING AND TUB	ING USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8		620	
5 ½			
4 ½		2060	70 sks.
			Perf. Top
2			Perf. Bottom
Liners		The state of the s	Perf. Top Perf. Bottom
			Perf. Bottom
WELLS DRILLE MUST ALSO BE TO FRACTURE - STI	5) COPIES OF OG - 1, SHOWING OR ED PRIOR TO 1929, A PERMANENT SUBMITTED.	COPY OF THE PLAT AND T	HE ORIGINAL WELL RECORD
OIL AND/OR GA	IENT PLAT AND ORIGINAL WELL F AS WELL ORIGINALLY DRILLED ON PERMIT NUMBER,AND PERFORMAN	AND/OR AFTER JUNE 5, 1929	9, FIVE COPIES OG - 1, SHOW-
Required forms r	must be filed within ninety (90) days on advance.	of completion for bond release.	Inspector to be notified twenty-
thereof. WAIVER: I the under this lease by the	rsigned, Agent for Coal Comparator has complied with all rules and	Coal Company, Owner maps this proposed well locations have no objections to said we	or Operator of the coal under on.
			or Coal Company

Official Title